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FEB 15 2006

## OFFICE OF PETITIONS

In re Application of:

Qi Zhao et al.

Serial No.: 10/707,031

Filed: November 17, 2003

For: ITERATIVE CT  
RECONSTRUCTION METHOD  
USING MULTI-MODAL EDGE  
INFORMATION

§ Group Art Unit: 2882

§ Examiner: Bruce, David Vernon

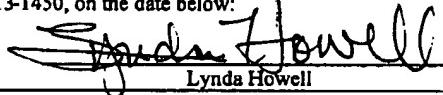
§ Atty. Docket: 134666-1/YOD  
GERD:0365Via Facsimile: (571) 273-0025Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
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37 C.F.R. 1.8

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February 15, 2006

Date

Lynda Howell


INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.97(b) AND 1.98

**NOTE: Because this IDS is being filed along with a Petition under 37 C.F.R. §1.313(c)(2) and an RCE via facsimile, copies of references are not attached. A full copy of this IDS and copies of references is being sent by post.**

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), it is respectfully requested that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record. Applicants note that, due to recent amendments to 37 C.F.R. § 1.98(a), copies of the listed domestic references are no longer required to be submitted to the Examiner.

In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b), or

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Information Disclosure Statement  
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as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

Furthermore, the references listed on the attached PTO/SB/08B Form is not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to the right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references.

The following information is listed below in accordance with 37 C.F.R. §1.98. Any explanation of non-English language documents contained in this Information Disclosure Statement is believed to constitute a concise explanation of the relevance of the listed reference as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the listed reference, in accordance with 37 C.F.R. § 1.98(a)(3).

Applicants believe this Information Disclosure Statement is properly filed in accordance with 37 C.F.R. § 1.97(b). Consequently, no fee is believed due with this Information Disclosure Statement. However, the Commissioner is authorized to charge any requisite fee for this Information Disclosure Statement, and any additional fee which may be required, to Deposit Account No. 07-0868; Order No. 134666-1/YOD (GERD:0365).

Respectfully submitted,

Date: 2/15/2006

Pg

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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet

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of

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Application Number

10/707,031

Filing Date

November 17, 2003

First Named Inventor

Qi Zhao

Art Unit

2882

Examiner Name

Bruce, David Vernon

Attorney Docket Number

134666-1/YOD (GERD:0365)

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	DE MAN, B. ET AL.; "An Iterative Maximum-Likelihood Polychromatic Algorithm for CT"; IEEE Transactions on Medical Imaging, IEEE Inc., New York, US, vol. 20, no 10, October 2001, pgs. 999-1008.	
	C2	BRIX, G. ET AL.; "Use of Scanner Characteristics in Iterative Image Reconstruction for High-Resolution Positron Emission Tomography Studies of Small Animals"; European Journal of Nuclear Medicine, vol. 24, no. 7, July 1997, pgs. 779-786.	
	C3	WERLING, ALEXANDER ET AL.; "Fast Implementation of the Single Scatter Simulation Algorithm and Its Use in Iterative Image Reconstruction of PET Data"; Physics in Medicine and Biology IOP Publishing UK, vol. 47, no. 16, August 1, 2002, pgs. 2947-2960.	
	C4	GIND, G. ET AL.; "Bayesian Reconstruction of Functional Images Using Anatomical Information as Priors"; IEEE Transactions on Medical Imaging, IEEE Inc., New York, US, vol. 12, no.4, December 1, 1993, pgs. 670-680.	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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